

From: [Mitchell, Tanya](#)
To: [Walls \(Young\), Suzy](#)
Cc: [Draikiwicz, Michael \(michael.draikiwicz@novartis.com\)](#); "[\(pete.bergeron@chevron.com\)](#)"; [Persico, John](#); [Gary M. Fisher](#)
Subject: RE: Rolling Knolls - FCR-08 Pore-water samples at MW-13
Date: Tuesday, June 30, 2015 6:28:46 AM

Confirmation of this email is requested.

Suzy,

EPA is awaiting confirmation on the sample volumes. Should ARCADIS decide to move forward without EPA's confirmed sample volume, additional sampling and/or volume may be required at this location. It is EPA's goal to provide a response as soon as possible, however, it is very difficult to do without communicating a planned schedule.

Should you have any questions or concerns regarding this email, please notify me upon receipt of this email.

Regards,
Tanya

From: Walls (Young), Suzy [mailto:Suzy.Walls@arcadis-us.com]

Sent: Monday, June 29, 2015 4:52 PM

To: Mitchell, Tanya

Cc: Draikiwicz, Michael (michael.draikiwicz@novartis.com); '[pete.bergeron@chevron.com](mailto:(pete.bergeron@chevron.com))'; Persico, John; Gary M. Fisher; Ricci, Richard F.; mfaigen@issuesllc.com; Gutherz, Andrew

Subject: RE: Rolling Knolls - FCR-08 Pore-water samples at MW-13

Tanya,

We will be installing the pore-water passive diffusion bags on Thursday, July 2nd and will coordinate our schedule with CDM. We will be using the sample volumes listed in the email below.

Thanks,

Suzy

Suzy Walls | Senior Ecologist / Certified Project Manager | suzy.walls@arcadis-us.com

ARCADIS U.S., Inc. | 114 Lovell Road, Suite 202 | Knoxville, TN, 37934

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From: Walls (Young), Suzy

Sent: Thursday, June 25, 2015 3:00 PM

To: 'Mitchell, Tanya'

Cc: Draikiwicz, Michael (michael.draikiwicz@novartis.com); '[pete.bergeron@chevron.com](mailto:(pete.bergeron@chevron.com))'; Persico, John; Gary M. Fisher; 'Ricci, Richard F.'; mfaigen@issuesllc.com; Gutherz, Andrew

Subject: RE: Rolling Knolls - FCR-08 Pore-water samples at MW-13

Tanya,

Thank you for the approval. However, you did not respond to my request on confirming USEPA's required pore-water sample volumes. Are these volumes still accurate? We cannot move forward with the field work until we have confirmed this information.

Sample location PW-1

With MS/MSD the total PDB volume is 2100 ml, from the following:

- VOC – 2 HCL preserved vials – total volume with MS/MSD is 80 ml
- Metals and Mercury – 1 HNO₃ preserved poly – total volume with MS/MSD is 1 L.
- Cyanide - 1 NaOH preserved poly – total volume with MS/MSD is 1 L.

With MS/MSD the total volume is 7 L, from the following:

- SVOC – 1 amber unpreserved – 1 L no MS/MSD

- **Pesticides** - 1 amber unpreserved – the total volume with MS/MSD is 3 L.
- **PCBs** - 1 amber unpreserved – the total volume with MS/MSD is 3 L.

Thanks,
Suzy

Suzy Walls | Senior Ecologist / Certified Project Manager | suzy.walls@arcadis-us.com

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From: Mitchell, Tanya [<mailto:Mitchell.Tanya@epa.gov>]

Sent: Thursday, June 25, 2015 2:54 PM

To: Walls (Young), Suzy

Cc: Draikiwicz, Michael (michael.draikiwicz@novartis.com); ' (pete.bergeron@chevron.com)'; Persico, John; Gary M. Fisher

Subject: RE: Rolling Knolls - FCR-08 Pore-water samples at MW-13

Suzy,

EPA has completed its review of FCR-08 dated 6/25/15 and it is approved.

Regards,

Tanya

From: Walls (Young), Suzy [<mailto:Suzy.Walls@arcadis-us.com>]

Sent: Thursday, June 25, 2015 2:22 PM

To: Mitchell, Tanya

Cc: ' (pete.bergeron@chevron.com)'; Draikiwicz, Michael (michael.draikiwicz@novartis.com); ' (pete.bergeron@chevron.com)'; Persico, John; Ricci, Richard F.; mfaigen@issuesllc.com

Subject: RE: Rolling Knolls - FCR-08 Pore-water samples at MW-13

Revision attached.

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